

Elementary Knowledge of Agriculture.—For Class E. Time allowed : 3 hours.

1. Describe the leaf of a monocotyledonous plant, and give the functions of its several parts.
2. Name the principal parts of a flower, and state the function of the pollen.
3. What constituents of the plant are obtained from the air?
4. Describe the action of carbonic acid on soils.
5. What is the importance of lime in agriculture? How is it usually applied?
6. What is phosphorus? What is its use in agriculture? What substances used in farming contain it?
7. How does draining affect the character of a soil?
8. How would you prepare and deal with farm-yard manure to secure a maximum efficiency?
9. Of what importance is it that seed be good and clean?
10. Describe the life-history of any insect injurious to vegetation.

English Grammar and Composition.—For Class D. Time allowed : 3 hours.

[NOTICE.—All candidates are required to attempt the spelling and punctuation exercise].

1. Explain clearly what you mean by "tense," and give a complete account of the tenses of a fully conjugated English verb.
2. Discuss the use of the subjunctive mood in English.
3. Explain the grammatical construction of the italicised words in the following sentences :—
 - (a.) Many a *time* have I played with him.
 - (b.) I will accept nothing *less*.
 - (c.) Come and see me next *week*.
 - (d.) He was pitched out of doors *neck* and crop.
 - (e.) Have you ever heard Patti *sing*?
 - (f.) He is too clever *to make* such a mistake.
 - (g.) The longer you stay *the worse* for you.
4. Explain the various uses of *but* in the following sentences :—
 - (a.) The boy stood on the burning deck whence all *but* he had fled.
 - (b.) My love she's *but* a lassie yet.
 - (c.) I cannot *but* try.
 - (d.) No man may take the man *but* he have authority from the sheriff.
 - (e.) It shall go hard *but* we shall damage the theory.
 - (f.) Ten to one *but* the police have got them.
 - (g.) It never rains *but* it pours.
 - (h.) He left not faction, *but* of that was left.
 - (i.) They not only tell lies, *but* bad lies.
 - (k.) Come, *but* that's drawing it rather strong.
 - (l.) Not *but* what the picture has its darker side.
 - (m.) Nay, *but* me no *buts*; I have set my heart upon it.
5. Punctuate the following, and put capital letters where they are required :—

At length the letters were disposed of excepting one which he reserved for a particular audience having locked the more confidential correspondence in a drawer Mr. Carker the manager rang his bell why do you answer it was his reception of his brother the messenger is out and I am the next was the submissive reply you are the next muttered the manager yes creditable to me there pointing to the heaps of opened letters he turned disdainfully away in his elbow-chair and broke the seal of that one which he held in his hand I am sorry to trouble you James said the brother gathering them up but oh you have something to say I knew that well Mr. Carker the manager did not raise his eyes or turn them on his brother but kept them on his letter though without opening it well he repeated sharply I am uneasy about Harriet Harriet who what Harriet I know nobody of that name she is not well and has changed very much of late she changed very much a great many years ago replied the manager and that is all I have to say.

6. Point out and correct anything that you see wrong in the following passages :—
 - (a.) Everybody's world is just what they would like to make it.
 - (b.) He wanted somebody—whom it was did not matter.
 - (c.) The moss-rose smells more sweetly than all the rest.
 - (d.) Each felt for the other and of course for themselves.
 - (e.) And shall hit on some plan to the nuisance abate.
 - (f.) Please send me a copy of the Shakespeare Memorial, and for which I enclose eighteen postage stamps.
7. Point out the chief faults of style in the following passage, and rewrite it so as to avoid them :—

Monsieur Montrevil was a person utterly unknown to me, nor had I ever intercourse or correspondence with him; so that what I shall say of him cannot proceed from affection or prejudice, nor if I shall say anything for his vindication from those reproaches which he did, and does lie under, both with the English and Scottish nation, countenanced enough by the discountenance he received from the Cardinal after his return, when he was, after the first account he had given of his negotiation, restrained from coming to the court, and forbid to remain in Paris, and lay under a formed, declared dislike till his death; which with grief of mind shortly ensued. But as it is no unusual hardheartedness in such chief ministers, to sacrifice such instruments, how innocent soever, to their own dark purposes, so it is probable, that temporary cloud would soon have vanished, and